

BUS MECHANIC I

DEFINITION

Under close supervision, maintains and repairs diesel and gasoline powered City buses and related equipment.

SUPERVISION RECEIVED/EXERCISED

The Bus Mechanic I receives supervision from the Equipment Supervisor. This class does not exercise supervision.

DISTINGUISHING CHARACTERISTICS

Bus Mechanic I is the entry level class for candidates qualified to learn the duties of a Bus Mechanic II. Incumbents receive training in the maintenance and repair of diesel and gasoline automotive and mechanical equipment. A Bus Mechanic I performs all details of the work under close observation and guidance. This class is distinguished from Bus Mechanic II in that the latter is the journey level class. While in this class, incumbents will not achieve permanent status within the classified service, as defined in Fresno Municipal Code Section 2-1601.1(p)(5).

EXAMPLES OF IMPORTANT AND ESSENTIAL DUTIES

(May include, but are not limited to, the following:)

Performs regularly scheduled maintenance on diesel buses, such as oil, filters, and fluid changes.

Performs tune-ups and sub-systems adjustments.

Performs minor repairs and replaces components on diesel transit coaches and related equipment.

Learns the disassembly, reassembly, removal, installation, overhaul, and repair of diesel and gasoline engines and transmissions.

Learns the maintenance and repair of air and hydraulic brake systems.

Responds to road calls to repair transit coaches and related equipment.

Tests and inspects diesel and gasoline engines, transmissions, electrical systems, air compressors and other sub-systems.

Learns to install new ignition systems and repair and replace transmission and other parts.

Learns to diagnose malfunctioning diesel and gasoline engines, transmissions and related sub-systems.

Learns to disassemble and overhaul internal combustion engines, pumps, generators, transmissions, clutches and rear ends.

Performs related duties as required.

JOB RELATED AND ESSENTIAL QUALIFICATIONS

Knowledge of:

The occupational hazards and safety precautions of the trade.

The methods, materials, and equipment used in the maintenance and repair of diesel and gasoline engines, transmissions, electrical systems, air compressors and other sub-systems.

The operating principles of diesel and gasoline engines and engine driven sub-systems.

Ability to:

Learn to diagnose malfunctioning mechanical systems and related sub-systems.

Understand and carry out written and oral instructions.

Establish and maintain effective working relationships with those contacted in the performance of assigned duties.

Skill in:

The proper use of the tools and equipment used in automotive maintenance and repair.

MINIMUM QUALIFICATIONS

Experience:

For the purpose of the recruitment conducted in March 2007, the minimum qualifications shall be: Two years full-time paid experience performing minor maintenance and repairs on vehicles and equipment. Must possess at time of appointment, valid certifications by the National Institute for Automotive Excellence (ASE), or have passed certification examination(s) by the National Institute for Automotive Excellence (ASE), in any two (2) of the following truck and transit service areas: Diesel Engines (T-2), Drive Train (T-3), Suspension and Steering (T-5), Brakes (H-4) and Electrical/Electronic Systems (H-6).

Thereafter, the minimum qualifications shall be: Two years full-time paid experience performing minor maintenance on vehicles and equipment. Must possess valid certifications by the National Institute for Automotive Excellence (ASE) in any two (2) of the following truck and transit service areas: Diesel Engines (T-2), Drive Train (T-3), Suspension and Steering (T-5), Brakes (H-4) and Electrical/Electronic Systems (H-6).

Special Requirements:

Possession of a valid Class C California Driver's License at time of appointment, capable of acquiring a Class B License, with Passenger Endorsement and Air Brake Endorsement within the probationary period, and must maintain a valid Class B license, with endorsements for the entire term of appointment.

Within 24 months of appointment to the classification of Bus Mechanic I, the incumbent must obtain valid certification by the National Institute for Automotive Excellence (ASE) in all of the following areas: Diesel Engines (T-2), Drive Train (T-3), Suspension and Steering (T-5), Brakes (H-4) and Electrical/Electronic Systems (H-6).

A Bus Mechanic I may be promoted to a Bus Mechanic II upon the recommendation of the appointing authority after one year of experience as a Bus Mechanic I with the City of Fresno and with required certifications. Incumbents are expected to progress to a bus Mechanic II with appropriate training, experience, required certifications and satisfactory performance.

APPROVED: _____
Director of Human Resources

DATE: _____